

**WHAT IS CLAIMED IS:**

1 1. A method for remotely adjusting a hearing aid of a user, comprising the steps of:  
2 generating a command via a first computer at a first location;  
3 transmitting the command to a second computer at a second location over  
4 a remote data link;  
5 sending the command from the second computer to a digital signal processor  
6 in one of a telephone and the hearing aid;  
7 outputting a test tone from the digital signal processor based on the output  
8 command to a user of the telephone wearing the hearing aid;  
9 receiving a user response to the test tone over the remote data link; and  
10 adjusting the hearing aid based on the user response to the test tone.

11 2. The method of claim 1, wherein said command is a DTMF tone.

12 3. The method of claim 1, wherein said receiving step comprises inputting a response to  
13 the outputted command into the second computer via a keyboard attached to the computer.

14 4. The method of claim 1, wherein said receiving step comprises inputting a response to  
15 the command via a key pad on the telephone.

1 5. The method of claim 1, wherein said adjusting step comprises the steps of:  
2 transmitting the user response to the first computer over the remote data  
3 link;  
4 retrieving a stored audiogram from memory based on the accuracy of the  
5 response; and  
6 uploading the audiogram into the hearing aid of the user over the remote  
7 data link.

1 6. The method of claim 5, wherein said audiogram is a compensation curve for adjusting  
2 performance characteristics of the hearing aid based on the user response.

3 7. The method of claim 1, wherein said adjusting step comprises the steps of:  
4 transmitting the user response to the first computer over the remote data  
5 link;  
6 determining an accuracy of the user response;  
7 retrieving a stored audiogram from memory based on the accuracy of the  
8 response; and  
9 uploading the stored audiogram into the hearing aid of the user over the  
remote data link.

1 8. A method for adjusting a hearing aid of a user, comprising the steps of:

2 generating a command via a computer;

3 sending the command to a digital signal processor in one of a telephone and  
4 the hearing aid;

5 outputting a test tone from the digital signal processor based on the  
6 command to the user of the telephone wearing the hearing aid;

7 receiving a response to the test tone by the user; and

8 storing the response to the test tone by the user in the computer.

9. The method of claim 8, wherein said command is a DTMF tone.

10. The method of claim 8, wherein said receiving step comprises inputting a response to  
the output command into the computer via a keyboard attached to the computer.

11. The method of claim 8, wherein said receiving step comprises inputting a response to  
the command via a keypad on the telephone.

12. The method of claim 8, further comprising the steps of:

retrieving a stored audiogram from memory based on the accuracy of the  
stored response; and

uploading the audiogram into the hearing aid of the user.

1 13. The method of claim 12, wherein said audiogram is a compensation curve for  
2 adjusting performance characteristics of the hearing aid based on the user response.

1 14. The method of claim 8, wherein the command is generated by a first computer at a  
2 first location and is received by a second computer at a second location, and said second computer  
3 sends the command to the digital processor.

1 15. The method of claim 14, wherein the response is stored in the first computer.

16. The method of claim 14, wherein the response is stored in the second computer.

17. The method of claim 14, wherein the response is stored in the first and second  
computers.

18. The method of claim 8, wherein the digital signal processor is located in the hearing  
aid and step of sending the command to the digital signal processor is by a wireless link.